

Form PTO/SB/08 (2-92)

Docket Number:  
57519.00116 (MT-0081.1)

Application Number: 10/753,031

Applicant : Yuriy V. Mikhaylik

Filing Date: January 6, 2004

Group Art Unit: Not Yet Assigned

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
/LW/	1.	4/81	4,264,689	Moses			
	2.	11/1983	4,410,609	Peled et al.			
	3.	3/1989	4,816,358	Holleck et al.			
	4.	8/1989	4,857,423	Abraham et al.			
	5.	6/1991	5,021,308	Armand et al.			
	6.	10/1994	5,352,967	Nutz et al.			
	7.	5/1996	5,514,493	Waddell et al.			
	8.	6/1996	5,529,860	Skotheim et al.			
	9.	2/1997	5,601,947	Skotheim et al.			
	10.	11/1997	5,686,201	Chu			
	11.	11/1997	5,690,702	Skotheim et al.			
	12.	3/1999	5,882,812	Visco et al.			
	13.	5/1999	5,900,718	Tsenter			
	14.	7/1999	5,919,587	Mukherjee et al.			
	15.	1/2000	6,017,651	Nimon et al.			
	16.	2/2000	6,025,094	Visco et al.			
	17.	2/2000	6,030,720	Chu et al.			
	18.	5/2000	6,060,184	Gan et al.			
	19.	9/2000	6,117,590	Skotheim et al.			
	20.	10/2000	6,136,477	Gan et al.			
	21.	11/2000	6,153,337	Carlson et al.			
	22.	2/2001	6,194,099	Geronov et al.			
	23.	3/2001	6,201,100	Gorkovenko et al.			
	24.	4/2001	6,210,831	Gorkovenko et al.			
	25.	4/2001	6,210,839	Gan et al.			
/LW/	26.	5/2001	6,225,002	Nimon et al.			

EXAMINER: /Laura Weiner/

DATE CONSIDERED: 03/21/2007

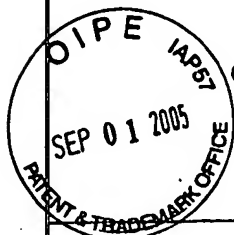
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Form PTO-1449				Docket Number: 57519.00116 (MT-0081.1)		Application Number: 10/753,031	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>				Applicant : Yuriy V. Mikhaylik			
				Filing Date: January 6, 2004		Group Art Unit: Not Yet Assigned	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
/LW/	27.	6/2002	6,406,815	Sandberg et al.			
/LW/	28.	8/2002	6,436,583	Mikhaylik			
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
/LW/	29.	8/02	WO 02/067344	PCT			
<b>OTHER DOCUMENTS</b> <i>(including author, title, Date, Pertinent Pages, Etc.)</i>							
Examiner Initials	Ref. No.	Title					
/LW/	30.	Peled et al., "The Electrochemical Behavior of Alkali and Alkaline Earth Metals in Nonaqueous Battery Systems", <i>J. Electrochem. Soc.</i> , vol. 126, pp.2047-2051 (1979).					
/LW/	31.	Rao et al., "Effect of Sulfur Impurities on Li/TiS <sub>2</sub> Cells", <i>J. Electrochem. Soc.</i> , vol. 128, pp. 942-945 (1981).					
/LW/	32.	Peled et al., "Lithium-Sulfur Battery: Evaluation of Dioxolane-Based Electrolytes", <i>J. Electrochem. Soc.</i> , vol. 136, pp. 1621-1625 (1989).					
/LW/	33.	Narayanan et al., "Analysis of Redox Additive-Based Overcharge Protection for Rechargeable Lithium Batteries", <i>J. Electrochem. Soc.</i> , vol. 138, pp. 2224- 2229, (1991).					
/LW/	34.	Golovin et al., "Applications of Metallocenes in Rechargeable Lithium Batteries for Overcharge Protection", <i>J. Electrochem. Soc.</i> , vol. 139, pp. 5-10, (1992).					
/LW/	35.	Alamgir et al., "Room Temperature Polymer Electrolytes", <i>Industrial Chemistry Library, Vol. 5, Lithium Batteries: New Materials, Developments and Perspectives</i> , Chapter 3, pp. 93-136, Elsevier, Amsterdam, 1994.					
/LW/	36.	Dominey, "Current State of the Art on Lithium Battery Electrolytes", <i>Industrial Chemistry Library, Vol. 5, Lithium Batteries: New Materials, Developments and Perspectives</i> , Chapter 4, pp. 137-165, Elsevier, Amsterdam, 1994.					
<del>/LW/</del>	37.	<del>Handbook of Batteries, Linden, 2<sup>nd</sup> edition, chapter 3, pp. 18-19, McGraw-Hill, New York (1995).</del>					
<del>/LW/</del>	38.	<del>Handbook of Batteries, Linden, 2<sup>nd</sup> edition, chapter 14, pp. 75-76, McGraw-Hill, New York (1995).</del>					
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**\* NOT FOUND**

Form PTO-1449		Docket Number: 57519.00116 (MT-0081.1)	Application Number: 10/753,031
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Applicant : Yuriy V. Mikhaylik	
		Filing Date: January 6, 2004	Group Art Unit: Not Yet Assigned
<b>OTHER DOCUMENTS</b> <span style="float: right;"><i>(including author, title, Date, Pertinent Pages, Etc.)</i></span>			
Examiner Initials	Ref. No.	Title	
	39. •	<i>Handbook of Batteries</i> , Linden, 2 <sup>nd</sup> edition, chapter 36, p. 2, McGraw-Hill, New York (1995).	
	40. •	Richardson et al., "Overcharge Protection for Rechargeable Lithium Polymer Electrolyte Batteries", <i>J. Electrochem. Soc.</i> , vol. 143, pp. 3992-2996, (1996).	
	41. •	Chu et al., "High Performance S-type Cathode", Proceedings of the 12 <sup>th</sup> Annual Battery Conference, applications and Advances, pp. 133-134, (1997).	
	42. •	Aurbach in <i>Nonaqueous Electrochemistry</i> , Chapter 6, pp. 289-366, Marcel Dekker, New York, 1999	
	43. •	Cheon et al., "Rechargeable Lithium Sulfur Battery: II. Rate Capability and Cycle Characteristics", <i>J. Electrochem. Soc.</i> , vol. 150, pp. A800-A805, (2003).	
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Form PTO-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 57519.00116 (MT0081.1)	APPLICATION NO. 10/753,031
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		APPLICANT Yuriy V. Mikhaylik	
		FILING DATE January 6, 2004	GROUP 1745
		TITLE: ELECTROLYTES FOR LITHIUM SULFUR CELLS	



## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
/LW/		6,329,789	12-11-01	Gavrilov et al.			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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\*This reference was cited in the enclosed European Search Report for a counterpart foreign application.